

WHAT IS CLAIMED IS:Sub 2
1.

A TV lens system wherein an optical member driven with a motor in a TV lens apparatus is controlled in accordance with one characteristic selected from characteristics of a plurality of types, the TV lens system comprising:

a selecting device which selects the one characteristic from the characteristics of the plurality of types; and

a changing device which changes at least one of the characteristics of the plurality of types selectable by the selecting device to another characteristic.

2. The TV lens system as defined in claim 1, wherein the characteristics of the plurality of types are related to control of a moving speed of a zoom lens with respect to an operational amount of an operating member.

3. The TV lens system as defined in claim 2, further comprising a zoom controller connected to the TV lens apparatus, the zoom controller having the operating member, wherein:

the moving speed of the zoom lens is controlled in accordance with the operational amount of the operating member of the zoom controller;

prepared characteristics are stored beforehand in a memory of one of the TV lens apparatus and the zoom controller; and

the changing device selects at least one of the characteristics of the plurality of types selectable by the selecting device from the prepared characteristics stored in the memory.

4. The TV lens system as defined in claim 1, wherein the changing device changes at least one of the characteristics of the plurality of types selectable by the selecting device to another characteristic by means of a computer connected

5. The TV lens system as defined in claim 4, wherein said another characteristic is generated by the computer.

6. A TV lens system, wherein:
- a computer is connectable with a TV lens apparatus;
 - a characteristic with respect to control of an optical member driven with a motor in the TV lens apparatus is set by the computer; and
 - the TV lens system instructs to the TV lens apparatus to control the optical member in accordance with the set characteristic.